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## FACSIMILE INFORMATION SHEET

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TO: OFFICE OF INITIAL PATENT EXAMINATION      FAX NO: (571) 273-8300

DATE: 11/10/08

Re: U. S. Patent Appl.

NUMBER OF PAGES (INCLUDING COVER) 6

10/580566

OUR FILE: 46528-5091-00-US

*(Formerly DRE 0175 US. NP)*

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I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING FILED VIA FACSIMILE TO OFFICE OF INITIAL PATENT EXAMINATION (OIPE), CENTRAL FAX NO. (571) 273-8300, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON THE DATE INDICATED BELOW.

BY: Diana A. CoccoDATE: November 10, 2008**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re Application of:**

Benjamin B. Yellen, et al.

Group Art Unit: 1723

Application No.: 10/586,566

Examiner: TBA

Filed: March 27, 2007

Attorney Docket No. 46528-5091-00-US  
[Formerly: DRE0175US.NP]

Title: Magnetic Fluid Manipulators and Methods for Their Use

Mail Stop OIPE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION OF POWER OF ATTORNEY  
AND APPOINTMENT OF NEW ATTORNEY**

Applicant, Drexel University, assignee of the entire right, title and interest in the above-referenced patent application, by virtue of an assignment from inventor Benjamin B. Yellen, recorded in the USPTO on November 1, 2006 at Reel/Frame 019078/0515 a copy of the executed assignment is enclosed herewith, and from inventor Gennady Friedman, recorded in the USPTO on March 26, 2007 at Reel/Frame 019078/0515, a copy of the executed assignment is enclosed herewith in compliance with 37 CFR 3.73(b), hereby revoke all previous powers of attorney and appoint the attorneys/agents associated with Customer No. 23973, namely:

**DRINKER BIDDLE & REATH LLP**

One Logan Square  
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Philadelphia, PA 19103-6996  
Tel.: (215) 988.2700  
FAX.: (215) 988.2757

to prosecute the above-identified application and to transact all business in the Patent and Trademark Office in connection therewith.

Respectfully submitted,

12/13/07

Date

R.B.M.

By: Robert B. McGrath, Ph.D.  
Title: Associate Vice Provost & Executive Director  
Drexel University

/dp

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Attorney Docket No.: DRE0175US.NP

NOV 10 2008

A S S I G N M E N T

WHEREAS, we, Benjamin B. Yellen of 110 Parkspring Court, Cary, North Carolina 27519 and Gennady Friedman of 5 Dartmouth Lane, Richboro, Pennsylvania 18954, hereinafter referred to as the assignors, are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. 10/586,566, entitled Magnetic Fluid Manipulators and Methods for Their Use; and

WHEREAS, Drexel University, hereinafter referred to as the assignee, of Philadelphia, Pennsylvania, a corporation of Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application or any other application based in whole or in part thereon and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal

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assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Benjamin Yellen (L.S.)  
Benjamin B. Yellen

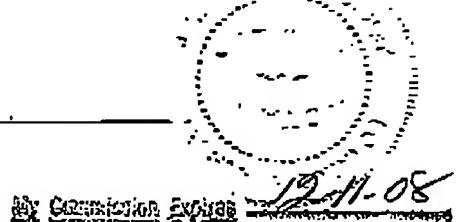
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COUNTY OF Durham :

On this 1<sup>st</sup> day of November, 2006, before me personally came the above named Benjamin B. Yellen to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of those persons' own free will for the use and purposes therein set forth.

Notary Public



Notary Public Seal  
12-11-08

Gennady Friedman (L.S.)  
Gennady Friedman

State of Pennsylvania :  
ss  
COUNTY OF Philadelphia :

On this 26<sup>th</sup> day of March, 2007, before me personally came the above named Gennady Friedman to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of those persons' own free will for the use and purposes therein set forth.

Janette L. Hawkins  
Notary Public

